



# **CoreLine Batten**

## BN126C LED41S/840 PSU L1200

CoreLine Batten, 31 W, L1200 mm, 4100 lm, 4000 K, Opal, IP20, TW1-ready

The CoreLine Batten delivers on the CoreLine promise of innovative, easy-to-use and high-quality luminaires. The efficient design makes installation quick and easy, enabling seamless light-line creation without additional accessories. CoreLine Batten provides universal light distribution, supporting homogeneous illuminance and visual comfort. Interact Ready luminaires with integrated wireless communications are also available, for use with Interact gateways, sensors and software.

#### Warnings and Safety

- The product is IPX0 & as such is not protected against water ingress & as such we strongly recommend that the environment in which the luminaire is to be installed is suitably checked
- If the above advice is not taken and the luminaires are subject to water ingress, Philips / Signify cannot guarantee safe failure & product warranty will become void

#### **Product data**

General Information		Flammability mark	For mounting on normally flammable
Light source replaceable	No		surfaces
Number of gear units	1 unit	ENEC mark	ENEC mark
Driver included	Yes	Glow-wire test	Temperature 650 °C, duration 30 s
Feed-through wiring	Simple Connection and removable cover	EU RoHS compliant	Yes
	available for feed-through wiring 1-		
	phase (internal wiring is not included)	Light Technical	
Lighting Technology	LED	Luminous Flux	4,100 lm
Value ladder	Performance	Saturated Red (R9)	<50
CE mark	CE mark	Correlated Color Temperature (Nom)	4000 K
Warranty period	5 years	Luminous Efficacy (rated) (Nom)	130 lm/W

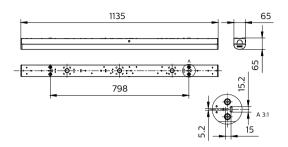
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Color rendering index (CRI)	>80
Flickering value (PstLM) - Flickering value as	1
per EN 61000-3-3	
Stroboscopic effect visibility measure (SVM)	1.6
Light source color	840 neutral white
Optic type	Beam angle 120°
Luminaire light beam spread	120°
Unified glare rating CEN	26
Operating and Electrical	
Input Voltage	220-240 V
Line Frequency	50 or 60 Hz
Inrush current	11.6 A
Inrush time	0.499 ms
Power Consumption	31 W
Power Factor (Fraction)	0.9
Connection	Push-in connector 3-pole
Cable	-
Number of products on MCB of 16 A type B	13
Temperature	
Ambient temperature range	-20 to +40 °C
Controls and Dimming	
Dimmable	No
Driver/power unit/transformer	Power supply unit (On/Off)
Constant light output	No
Mechanical and Housing	
Housing Material	Steel
Reflector material	-
Optic material	Polycarbonate
Optical cover material	Polycarbonate
Fixation material	-
Housing Color	White
Optical cover finish	Opal
Overall length	1,135 mm
Overall width	65 mm
Overall height	65 mm
Dimensions (Height x Width x Depth)	65 x 65 x 1135 mm

Approval and Application		
Ingress protection code	IP20 [Finger-protected]	
Mech. impact protection code	IK04 [0.5 J standard plus]	
Sustainability rating	-	
Protection class IEC	Safety class I	
Photobiological risk	Photobiological risk group 0 @200mm	
	to EN62778	
Photobiological risk specification	0.2 m	
Initial Performance (IEC Compliant)		
Luminous flux tolerance	+/-10%	
Initial chromaticity	(0.38, 0.38) SDCM≤3	
Power consumption tolerance	+/-10%	
Over Time Performance (IEC Compliant	)	
Control gear failure rate at median useful life	5 %	
50000 h		
Lumen maintenance at median useful life*	85	
50000 h		
Lumen maintenance at median useful life*	70	
100000 h		
Application Conditions		
Performance ambient temperature Tq	25 ℃	
Suitable for random switching	Not applicable	
Product Data		
Order product name	BN126C LED41S/840 PSU L1200	
Full product name	BN126C LED41S/840 PSU L1200	
Full product code	871951494878599	
Order code	911401833984	
Material Nr. (12NC)	911401833984	
Numerator - Quantity Per Pack	1	
EAN/UPC - Product/Case	8719514948785	
Numerator - Packs per outer box	8	
EAN/UPC - Case	8719514949003	
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#### Dimensional drawing





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